

## **RECEIVED**

OCT 8:0 2003

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## SEQUENCE LISTING

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<120> PROTEIN DELIVERY SYSTEM USING HUMAN
 PAPILLOMAVIRUS VIRUS-LIKE PARTICLES
<130> 20276P

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<140> 09/762,794

<141> 2001-02-09

<150> PCT/US99/17931

<151> 1999-08-10

<150> 60/096,638

<151> 1998-08-14

<160> 16

<170> FastSEQ for Windows Version 4.0

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                                                                        120
                                                                        180
acatetgtae ettecatece eccagatgta teaggattta gtattaetae tteaactgat
accacacctg ctatattaga tattaataat actgttacta ctgttactac acataataat
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cccactttca ctgacccatc tgtattgcag cctccaacac ctgcagaaac tggagggcat
                                                                        300
tttacacttt catcatccac tattagtaca cataattatg aagaaattcc tatggataca
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tttattgtta gcacaaaccc taacacagta actagtagca cacccatacc agggtctcgc
                                                                        420
                                                                        480
540
gettttgtaa ceaeteecae taaaettatt acatatgata ateetgeata tgaaggtata
                                                                        600
gatgtggata atacattata ttttcctagt aatgataata gtattaatat agctccagat
                                                                        660
cctgactttt tggatatagt tgctttacat aggccagcat taacctctag gcgtactggc
attaggtaca gtagaattgg taataaacaa acactacgta ctcgtagtgg aaaatctata
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                                                                        780
ggtgctaagg tacattatta ttatgatttg agtactattg atcctgcaga agaaatagaa
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ttacaaacta taacaccttc tacatatact accacttcac atgcagcctc acctacttct
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actgaccaag ctccttcatt aattcctata gttccagggt ctccacaata tacaattatt
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gctgatgcag gtgactttta tttacatcct agttattaca tgttacgaaa acgacgtaaa
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                                                                        120
                                                                        180
attgctgatc aaatattaca atatggaagt atgggtgtat tttttggtgg gttaggaatt
ggaacagggt cgggtacagg cggccgcgag ctcgagggtt atattcctgc aaatacaaca
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attecttttg gtggtgeata caatatteet ttagtateag gteetgatat acceattaat ataaetgace aageteette attaatteet atagtteeag ggteteeaca atataeaatt
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                                                                        360
attgctgatg caggtgactt ttatttacat cctagttatt acatgttacg aaaacgacgt
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Gly Ser Met Gly Val Phe Phe Gly Gly Leu Gly Ile Gly Thr Gly Ser
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Gly Thr Gly Gly Arg Glu Leu Glu Gly Tyr Ile Pro Ala Asn Thr Thr
                    70
                                         75
Ile Pro Phe Gly Gly Ala Tyr Asn Ile Pro Leu Val Ser Gly Pro Asp
                                     90
Ile Pro Ile Asn Ile Thr Asp Gln Ala Pro Ser Leu Ile Pro Ile Val
                                105
            100
Pro Gly Ser Pro Gln Tyr Thr Ile Ile Ala Asp Ala Gly Asp Phe Tyr
                                                 125
        115
                             120
Leu His Pro Ser Tyr Tyr Met Leu Arg Lys Arg Lys Arg Leu Pro
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Tyr Phe Phe Ser Asp Val Ser Leu Ala Ala
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